

NOTES

BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES" SHALL BE THE EXISTING GROUND LINE.

WHEN STRUCTURE BACKFILL IS REQUIRED: ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE ELEVATION AND SECTION EXISTING PRIOR TO EXCAVATION WITHIN THE LENGTH OF THE BOX.

THE CONCRETE IN THE CUT OFF WALL MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

THE ALTERNATE CUT OFF WALL MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONCRETE CUT OFF WALLS. PAYMENT SHALL BE BASED ON CONCRETE CUT OFF WALLS.

LOCATE NAME PLATE ON NEAREST RIGHT WING TRAVELING UP STATION, FACE NAME PLATE UP STATION.

HARDWARE FOR POST ANCHORS SHALL BE PAID FOR AS "STRUCTURAL STEEL CARBON".

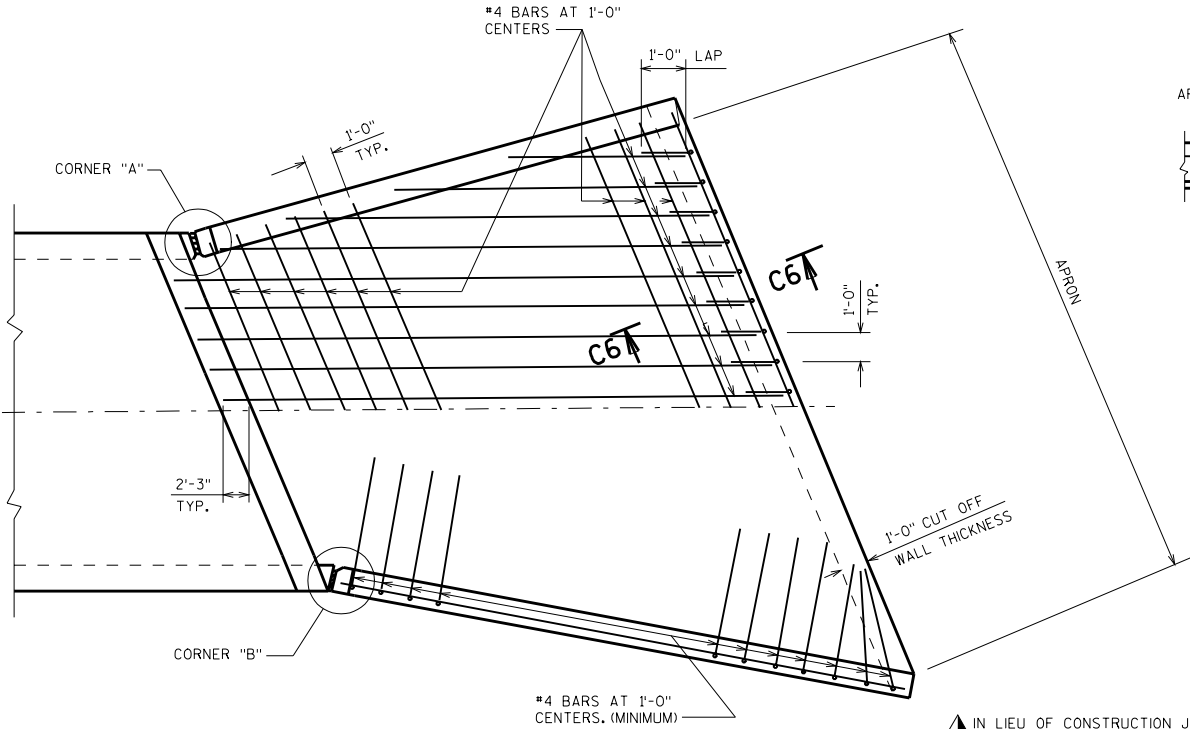
FOR "B" DESIGNATED CONCRETE BOX CULVERTS HAVING THEIR TOP SURFACE AT GRADE, HAND HELD FINISHING MACHINES MAY BE USED. NOTE THIS ON PLANS WHEN APPLICABLE.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 36 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

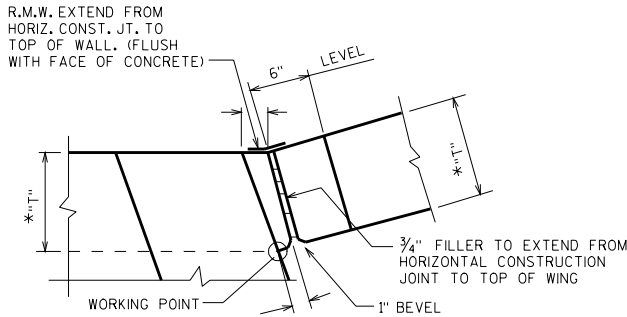
MAX. VALUE FOR "W<sub>H</sub>" = 13'-0"

| "H" (FT.)         | "L" (FT.) |
|-------------------|-----------|
| ≤ 5'-0"           | 2'-3"     |
| > 5'-0" - 7'-0"   | 3'-3"     |
| > 7'-0" - 8'-0"   | 4'-0"     |
| > 8'-0" - 9'-0"   | 4'-9"     |
| > 9'-0" - 10'-0"  | 5'-9"     |
| > 10'-0" - 11'-0" | 6'-6"     |
| > 11'-0" - 12'-0" | 7'-6"     |
| > 12'-0" - 13'-0" | 8'-0"     |
| > 13'-0" - 14'-0" | 8'-6"     |

"H" IS MAX. WING WALL HEIGHT

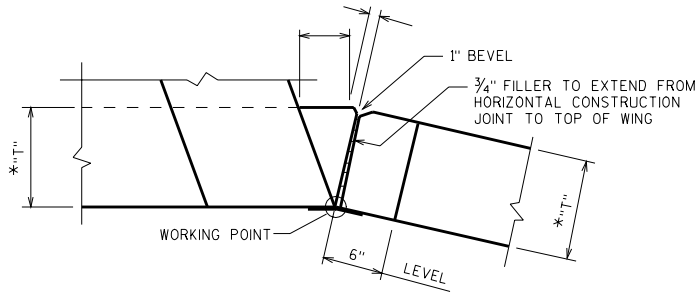


APRON DETAIL

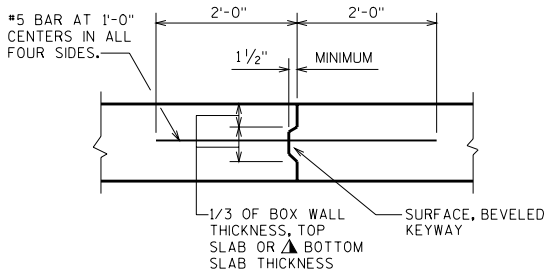


CORNER "A"

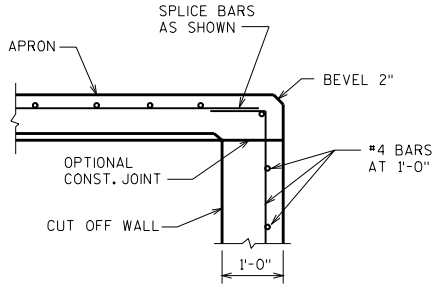
\* DIMENSION "T" TO BE DETERMINED FROM BARREL DESIGN



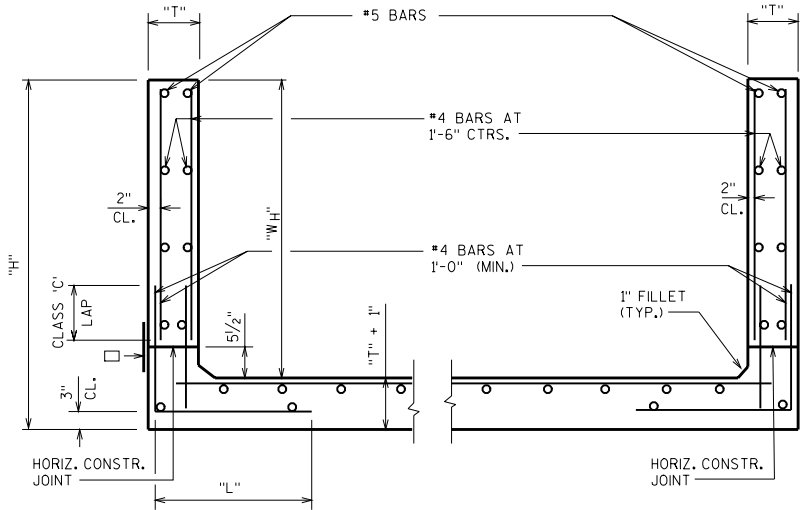
CORNER "B"



VERTICAL CONSTRUCTION JOINT

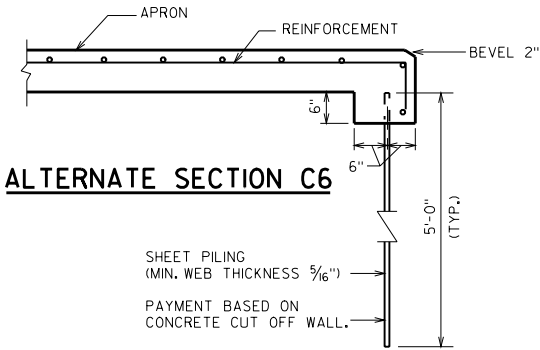


SECTION C6



SECTION THRU WINGWALLS

18" MIN. WIDTH RUBBERIZED MEMBRANE WATERPROOFING ALONG HORIZ. CONST. JT. IN WING.



ALTERNATE SECTION C6

ALTERNATE CUTOFF WALL

|  |            |
|--|------------|
| BOX CULVERT<br>APRON DETAILS   |            |
| STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION<br>STRUCTURES DEVELOPMENT SECTION |            |
| APPROVED: _____  | DATE: 1-05 |